

Title (en)

A radio communication system for providing both voice and data communication services over radio communication channels and a method for use in a radio communication system

Title (de)

Funkkommunikationssystem zur Bereitstellung sowohl von Sprach- als auch von Datenkommunikationsdiensten über Funkkommunikationskanäle und Verfahren zur Verwendung in einem Funkkommunikationssystem

Title (fr)

Système de communication radio pour fournir à la fois des services de communication vocale et de données à travers des canaux de communication radio et procédé pour l'utilisation dans un système de communication radio

Publication

**EP 1932760 A1 20080618 (EN)**

Application

**EP 06126048 A 20061213**

Priority

EP 06126048 A 20061213

Abstract (en)

A radio communication system (1) comprising a system computer (3) connected to a radio communication device (2) provided with a radio communication antenna (11) and an audio management system (4) via a data bus (7), the audio management system (4) being connected to a user communication device (5). The system computer (3) is arranged to switch between a data communication service and a voice communication service upon receiving a signal from the radio communication device (2) indicating that a carrier on a predetermined fixed frequency has been detected or has ceased to be detected by said radio communication device (2), or from the audio management system (4) indicating that a request for a predetermined fixed frequency voice communication service has been detected or has ceased to be detected by said audio management system (4).

IPC 8 full level

**B64D 45/00** (2006.01); **H04B 1/44** (2006.01); **H04B 7/185** (2006.01); **H04W 76/04** (2009.01); **H04W 4/10** (2009.01)

CPC (source: EP US)

**H04W 76/20** (2018.01 - EP US); **H04W 4/10** (2013.01 - EP US); **H04W 76/45** (2018.01 - EP US)

Citation (applicant)

- US 5448768 A 19950905 - ZINSER RICHARD L [US]
- EP 1317075 A2 20030604 - FREQUENTIS NACHRICHTENTECHNIK GMBH [AT]
- GB 2393614 A 20040331 - ARINC INC [US]
- US 2007088467 A1 20070419 - H KNOTTS LOUIS [US]

Citation (search report)

- [X] US 5448768 A 19950905 - ZINSER RICHARD L [US]
- [X] EP 1317075 A2 20030604 - FREQUENTIS NACHRICHTENTECHNIK GMBH [AT]
- [X] GB 2393614 A 20040331 - ARINC INC [US]
- [E] US 2007088467 A1 20070419 - H KNOTTS LOUIS [US]

Cited by

EP3236706A1; US11240379B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1932760 A1 20080618**; US 2008176557 A1 20080724; US 8494573 B2 20130723

DOCDB simple family (application)

**EP 06126048 A 20061213**; US 53107 A 20071213